Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Off
	ORM COVER SHEET
	TS ONLY
Name of conveying party(ies)	ase record the attached documents or the new address(es) below.
1. Louis Fouarge October 15, 2006	2. Name and address of receiving party(les)
2. Andre Lewall October 16, 2006	Name: Total Petrochemicals Research Feluy
Marc Van Der Auwera October 15, 2006 Frans Van Den Brande October 13, 2006	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes 🗸 N	o ————————————————————————————————————
3. Nature of conveyance/Execution Date(s):	Street Address: Zone Industrielle C
Execution Date(s) See Box above	-
✓ Assignment	
Security Agreement Change of Name	City: Seneffe
Joint Research Agreement	State:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: BELGIUM Zip:B-7181
Other correct Name/Address of receiving party	Additional approval 8 and the Communication of the
4 Application of the second	Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
(Docket No. F-898)	
Additional numbers at	ached? ☐ Yes ✓ No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents
Name: David J. Alexander	involved: 1
	7. Total fee (37 CFR 1.21(h) & 3.41) \$40
Internal Address: Fina Technology, Inc.	Authorized to be charged by credit card
P. O. Box 674412, Houston, Texas 77267	Authorized to be charged to deposit account
Street Address: 1201 Louisiana Street, Sulte 1800	Enclosed
	None required (government interest not affecting title)
City: Houston	8. Payment Information
State: <u>Texas</u> Zip: <u>77002</u>	a. Credit Card Last 4 Numbers
Phone Number: <u>713-48</u> 3- <u>5365</u>	Expiration Date
Fax Number:_713-483-5384	b. Deposit Account Number 03-3345
Email Address:	Authorized User Name
). Signature: Suona Sa	
Signature	
Lenora Evans	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 27313, 1450

REEL: 019199 FRAME: 0459

TO: DAVID J. ALEXANDER COMPANY: FINA TECHNOLOGY, INC.

APR-12-2001 15:11

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Form PTQ-1595 (Rev. 07/05) 70032(OMB No. 0851-0027 (exp. 6/30/2008)	0.179 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
	ORM COVER SHEET
	TS ONLY
To the Director of the U.S. Patent and Trademark Office: Ple	ese recurd the attached documents or the new address(es) below.
1. Name of conveying party(les)	Z Name and address of receiving party(les)
1. Louis Fourige October 15, 2005 2. Andre Lewell October 16, 2008	Name: Fina Technology, Inc.
3. Mero Van Der Auwera October 15, 2006 4. Frans Van Den Brande October 13, 2006	Internal Address: P.O. Box 674412
Additional name(s) of conveying party(es) attached?	Houston, Texas 77287-4412
3. Nature of conveyance/Execution Date(a):	Street Address: 1201 Louisiana Street, Suita 1800
Execution Date(s) See Box shove	
Assignment Merger	
Security Agreement Change of Name	City: Houston
Joint Research Agreement	State: Texas
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: USA Zip:77002
4. Application or patent number(s):	Additional name(s) & address(es) attached? Yes Vo
11/499,473 (Docket No. F-898)	document is being filed together with a new application. 8. Patent No.(s)
6. Name and address to when	sached? Yes No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: David J. Alexander	
internal Address: Fine Technology, Inc.	7. Total fee (37 CFR 1.21(h) & 3.41) \$.40
P. O. Box 674412, Houston, Texas 77287	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 1201 Louisiana Street, Suito 1800	Enclosed
	None required (government interest not affecting title)
City: Houston	8. Payment information
State: Texas ZIp:77002	a. Cradit Card Last 4 Numbers
Phone Number:713-483-5365	Expiration Date
ax Number: 713-483-5384	b. Deposit Account Number 03-3345
Email Address:	Authorized User Name
. Signature: avong	
Signature	
Lenora Evens	Date Total number of pages including cover
Name of Person Signing	eheat, attachments, and documents:

Documents to be recorded (including cover sheet should be faxed to (671) 373-0140, or mailed to: Mail Step Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandrie, V.A. 22313-1440

PATENT

REEL: 019199 FRAME: 0460

31223.00127 Client Reference No. F-898 (Fouarge, Lewalle, Van Der Auwera, Van Den Brande) /S-10-2006

PATENT

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ASSIGNMENT

WHEREAS, I, Louis Fouarge, resident of Belgium, I, Andre Lewalle, resident of Belgium, I, Marc Van Der Auwera, resident of Belgium, and I, Frans Van Den Brande, resident of Belgium, have invented certain new and useful improvements which are described and claimed and for which a patent is sought on the invention, design, or discovery as set forth in the application for United States Letters Patent entitled Swell Control in Slurry Loop Reactor, the specification of which was filed July 27, 2006 and amended by a Preliminary Amendment filed July 27, 2006, as a national phase application of International Application No. PCT/EP2005/050519, with an international filing date of February 8, 2005, and having been assigned application serial no. 11/499,473.

AND WHEREAS, Total Petrochemicals Research Feluy, a corporation of Belgium, having offices at Zone Industrielle C, B-7181 Seneffe (Feluy) (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title, and interest in and to the invention, the application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign, and transfer unto ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right, title, and interest in and to said invention, application, and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions thereof; and I hereby authorize and request the Commissioner of Patents to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to ASSIGNEE, its successors, assigns, and legal representatives the full and exclusive rights, title, and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in ASSIGNEE, its successors, assigns, and legal representatives.

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31223.00127 Client Reference No. F-898 (Fougree, Lewalle, Van Der Auwera, Van Den Brande)

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PATENT

I hereby further agree that I will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense of ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

Executed this 15th day of Chobe	<u>만, 2</u> 006,
résidant à 7170 Manage	BEAU * Jouangs
résidant à 7170 Manage, certifie	Louange -
la signature apposée ci-avant de	/ Louage
None of Foreign James	A Arge
Notary Stamp:	
Notary Stamp: Fait à Manage, le 11/10/06	
Executed this day of	TAIREON MAN
7. 11	7
	1
•	Andre Lewalle
Notary Stamp:	
Francisco dell'	
Executed this day of	, 2006.
	Mare V D.
Notary Stamp:	Marc Van Der Auwera
·	
Executed this day of	, 2006.
	 -
Notary Stamp:	Frans Van Den Brande
•	

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APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Pays: Belgique
2. Le présent acte public a été signé par: Gilbeau, Denis
3. Agissant en qualité de: Notaire
4. Est revêtu du sceau / timbre de: Notaire
Manage

Attesté
5. A Bruxelles 6. Le: 05/04/2007
7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement
8. Sous le n°: 9805070405891536
9. Sceau/timbre:

Arnaud Verfaillie

31223.00127 Client Reference No. F-898 (Fouarge, Lewalle, Van Der Auwers, Van Den Brande)

PATENT

I hereby further agree that I will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense of ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

Executed thisd	ay of, 2006.	
Notary Stamp:	Louis Fouarge	
résidant à 7170 Manage, ce la signature apposée ci-ava M : André la	Lewalle	-
Notary Stamp:	Marc Van Der Auwera	
Executed this day	of, 2006.	
Notary Stamp:	Frans Van Den Brande	

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Assignment

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

- 1. Pays: Belgique
- 2. Le présent acte public a été signé par: Gilbeau, Denis
- 3. Agissant en qualité de: Notaire
- 4. Est revêtu du sceau / timbre de: Notaire Manage

<u>Attesté</u>

- 5. A Bruxelles
- 6. Le: 05/04/2007
- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération
- au Développement 8. Sous le n°: 9805070405891435
- 9. Sceau/timbre:

Arnaud Verfaillie

15-10-2005

Assignment

31223.00127 Client Reference No. F-898 (Fouarge, Lewalle, Van Ger Auwera, Van Den Brande)

PATENT

I hereby further agree that I will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense of ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

Executed this day of	, 2006.
Notary Stamp:	Louis Fouarge
Executed this day of	, 2006.
Notary Stamp:	Andre Lewalle
Executed this was named of	, 2006.
Executed this day of et 1. % retriction to the submitted of the	MANN Per Auwera Le source 355 Danis Gilbeau, notaire résidant à 7170 Manage, certifie la signature appoaée ci-avant de 2006. M 2 Mac Van du Augus
Notary Stamp:	Fait à Manage, le 15 /106 Frans Van Den Brande

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APOSTILLE

(Convention de La Haye du 5 octobre 1961)

- 1. Pays: Belgique
- 2. Le présent acte public a été signé par: Gilbeau, Denis
- Agissant en qualité de: Notaire
 Est revêtu du sceau / timbre de: Notaire

<u>Attesté</u>

Manage

- 5. A Bruxelles
- 6. Le: 05/04/2007
- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement 8. Sous le n°: 9805070405891637
- 9. Sceau/timbre:

Amaud Verfaillie

PATENT REEL: 019199 FRAME: 0468

31223.00127 Client Reference No. F-898 (Fougree, Lewelle, Van Der Auwera, Van Den Brande)

Fait à Manage, le 13/10/06

PATENT

I hereby further agree that I will communicate to ASSIGNEE, or to its successors, assigns, and legal representatives, any facts known to me respecting any improvements; and, at the expense of ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make all lawful oaths, and generally do everything possible to vest title in ASSIGNEE and to aid ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for said invention in all countries.

]	Executed this day of	, 2006.	
Notary S	Stamp:	Louis Fouarge	
E	executed this day of	, 2006.	
Notary S	tamp;	Andre Lewalle	
E	xecuted this day of	, 2006.	
Notery Sta	amp;	Marc Van Der Auwera	_
Ex	ecuted this 13 day of Det -8	<u>eq</u> , 2006.	
Notary Sta	unp:	Frans Van Den Brande	•
Assignment	Le soussigné Denis GILBEAU, notair résidant à 7170 Manage, certifie la signature apposée ci-avant de	OENIS GILBRE	

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

- 1. Pays: Belgique
- 2. Le présent acte public a été signé par: Gilbeau. Denis
- 3. Agissant'en qualité de: Notaire
- 4. Est revêtu du sceau / timbre de: Notaire

Manage

<u>Attesté</u>

- 6. Le: 05/04/2007
- 7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement
- 8. Sous le nº: 9805070405891334

9. Sceau/timbre:

0. Signature:

Amaud Verfaillie

RECORDED: 04/23/2007

PATENT REEL: 019199 FRAME, 0469 19